

IN THE CLAIMS

The Claims are amended and listed hereinafter:

Claim 1(Amended):A coupling device for an artificial model, comprising

a male joining part; ~~and~~

a female joining part[;] ~~being joined to the male joining part tightly; and~~

an insertion member, joining the male joining part and the female joining part together; wherein,

the male joining part further comprises:

a first base disk with a first hollow center;

a first front positioning plate with a second hollow center,

having a central protrusion part;

a rear positioning lock plate with a third hollow center; ~~and~~

a plurality of first bolts, fastening the base disk, the front positioning plate and the rear positioning lock plate together; ~~and~~

~~an insertion member, passing through the base disk, the front positioning plate, the rear positioning lock plate via the hollow centers; and~~

the female joining part further comprises;

a second base disk with a fourth hollow center;

a second front positioning plate with a fifth hollow center;

a second rear positioning lock plate with a sixth hollow center;

and

a plurality of second bolts, fastening the second base disk, the second front positioning plate and the second rear positioning lock plate tighter;
and

the insertion member passes through the hollow centers for joining the male and female joining parts movably joining together;

characterized in that the first front positioning plate has a central circular protrusion; the insertion member is composed of an insert head, a pin, an ~~adjustment~~ adjustable bolt, ~~an~~ a first elastic body and a covering cap with the insert head having a conical shape at the upper and lower sections thereof and an elongated flat part at ~~a bottom~~ the lower section thereof; the pin is inserted into the insert head along a radial direction of the insert head and passing through an axis of the insert head to form a shape of cross; the second hollow center has a shape corresponding to and fit with the elongated flat part ~~of the insert head~~ such that the elongated flat part of the insert head can fit with the second hollow center after being inserted into the second hollow center with the ~~adjustment~~ adjustable bolt passing through the cap and the first elastic body before engaging with an inner threaded hole at the lower section ~~the bottom of insert head~~; the second front positioning plate ~~at a center thereof~~ has ~~a hollow part with~~ a plurality of equidistant radial grooves extending from the fifth hollow center and two opposite ones of the radial grooves are pierced with the pin; and a radial recess is disposed between two neighboring ones of the radial grooves respectively[;].

~~whereby, the male joining member can be joined to each other tightly and be inserted into each other for achieving a purpose of positioning.~~

Claim 2(Amended) The coupling device for an artificial model according to claim 1, wherein the insert head has a hollow part with internal screw threads at the upper section thereof and a fitting hole and ~~another~~ a second elastic body with a ball is disposed in the hollow part ~~such that~~ with a setscrew engaging with the internal screw threads for micro-adjustably pressing the ball against the second elastic body ~~the insert head can be engaged to a screw rod and the pin has a recess and be inserted into the fitting hole with the ball being located in the recess to form a structure of at an lower section of the insert head having an elastic body in addition~~

~~the original elastic body, which is disposed at an upper section of the insert head.~~

Claim 3 (Original) The coupling device for an artificial model according to claim 1, wherein each of the radial grooves of the second front positioning plate at an inner edge thereof has a guide chamfer.

Claim 4 (Amended) The coupling device for an artificial model according to claim 1, ~~wherein the insert head at a lower end of the elongated flat part thereof has a conical part disposed in the elastic body and the first~~ elastic body surrounds the ~~adjustment~~ adjustable bolt and is disposed between the first positioning plate and the cap ~~in a state of biasing~~ against the first positioning plate and the cap; ~~whereby, such that~~ after the first base disk being subjected to a foreign force to separate the female joining part, the first base disk ~~can be~~ is pushed back ~~to original position thereof along a taper of~~ the conical part of the lower section of the insert head quickly ~~because of an elastic force of the elastic body.~~

Claim 5 (Amended) The coupling device for an artificial model according to claim 4, wherein the first positioning plate is provided with a plurality of posts to confine the first elastic body and prevent the elastic body from slip.

Claim 6 (Amended) The coupling device for an artificial model according to claim 1, wherein the first base disk and the second base disk at peripheries thereof have a respective upright rim facing to each other such that a clearance between the two base disks can be formed ~~with~~ for more smooth contact.

Claim 7 (Amended) The coupling device for an artificial model according to claim 1, wherein the first base disk and the second base disk at a side thereof have a recess with a flange respectively to receive the first front positioning plate and the second front positioning plate, ~~which are provided with a circular contour corresponding to each other, with each of the recesses having a flange~~ to avoid hips of the artificial model at peripheries thereof being damaged due to frictional contact.

Claim 8(Amended)The coupling device for an artificial model according to claim 1, wherein the first and the second base disks have threaded holes extending through hollow posts attached to ~~with respect to the centers of~~ the two base disks ~~respectively~~ for the base disks being attached to ~~the hips~~ a hip part and a thigh part of the artificial model respectively.

Claim 9(Amended)The coupling device for an artificial model according to claim 8, wherein ~~the~~ a plurality of through threaded ~~holes of the first and the second base disks~~ are disposed equidistantly at the first and second base disks to allow the first and the second front positioning plates or the first and the second rear positioning lock plates being ~~able to be~~ optionally arranged to ~~have~~ in two ~~adjusted cross~~ cross over orientations.

Claim 10(Amended)The coupling device for an artificial model according to claim [1] 9, wherein the first and the second positioning plates ~~at a side thereof~~ ~~respectively~~ provide a conical end at the bottom of each of the through holes thereof respectively corresponding to facing ~~the through threaded~~ holes of the first and the second base disks ~~have a jut out cone jut respectively~~ and the ~~threaded~~ through holes have a countersink respectively corresponding to the ~~jut out cone~~ conical end.

Claim 11(Amended)The coupling device for an artificial model according to claim 1, wherein the first front positioning plate ~~at the rear~~ a side thereof has a locating recess ~~for the elastic body~~ to prevent the first elastic body from slipping.

Claim 12(Amended)The coupling device for an artificial model according to claim 1, wherein the first rear positioning lock plate and the second rear positioning lock plate are provided with an aperture and a threaded hole respectively corresponding to a post and a threaded hole at the first base disk and the second base disk respectively for locating being located and fastened to the first and the second

base disks rear positioning lock plates by way of the posts being inserted into the apertures and a bolt engaging the threaded holes respectively.

Claim 13(Amended)The coupling device for an artificial model according to claim 1, wherein the first base disk and the second base disk are provided with a recess and a post at the side thereof facing the first rear positioning lock and the second rear positioning lock plate respectively to correspond to and the rear positioning lock plate are provided with a hollow part corresponding to the posts ~~post~~ respectively for locating the rear positioning lock plates quickly.